AMSAT News Service Weekly Bulletins
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AMSAT NEWS SERVICE
ANS-230

ANS is a free, weekly, news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

Please send any amateur satellite news or reports to:
ans-editor@amsat.org

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*** 2008 AMSAT Space Symposium and Annual General Meeting ***
*** October 24-26 in Atlanta, Georgia ***
*** http://www.amsat.org/amsat-new/symposium/2008/index.php ***
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SB SAT @ AMSAT $ANS-230.01
2008 AMSAT North America Space Symposium and BoD Meeting

AMSAT News Service Bulletin 230.01
>From AMSAT HQ SILVER SPRING, MD.
August 17, 2008
To All RADIO AMATEURS
BID: $ANS-230.01

2008 AMSAT North America Space Symposium
24-26 October 2008, Atlanta, Georgia - Call for Papers

This is the second call for papers for the 2008 AMSAT Space Symposium and Annual Meeting to be held October 24-26, 2008 in Atlanta, Georgia.

Proposals for papers, symposium presentations, and poster presentations are invited on any topic of interest to the amateur satellite program. An emphasis for this year is an educational outreach to middle and high school students. Another topic if interest is using amateur satellite tracking systems to monitor deep space network objects.

In particular, papers on the following topics are solicited:
o Students & Education
o ARISS
o AO-51
o P3E
o Eagle
o Deep Space Network monitoring

o Any additional satellite-related topics.

We request a one-page abstract as soon as possible. Camera ready copy on paper or in electronic form will be due by September 1, 2008 for inclusion in the printed symposium proceedings. Papers received after this date may not be included in the printed proceedings.

Abstracts and papers should be sent to n8fgv@amsat.org

Gould, WA4SXM also said this week, "Just as a reminder to all, the AMSAT Board meetings at the Symposium are an open meeting, other than a short segment that is a performance review. You can attend and listen to the entire meeting. This year's meeting in Atlanta will begin Thursday morning 23 Oct and go into the evening (and sometimes after dinner), then resume Friday morning 24 Oct and go until around noon. The Board would welcome your interest."

[ANS thanks the 2008 Symposium Committe and Gould, WA4SXM for the above information]

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SB SAT @ AMSAT $ANS-230.02
Volunteers Needed for AMSAT Booth at ARRL New England Convention

AMSAT News Service Bulletin 230.02
>From AMSAT HQ SILVER SPRING, MD.
August 17, 2008
To All RADIO AMATEURS
BID: $ANS-230.02

Volunteers are needed to man the booth at the 2008 ARRL New England Convention in Boxboro, Friday August 22 through Sunday August 24. If you plan on attenting and have some spare time, please consider volunteering to work the AMSAT booth.

Full information about the convention can be found at:
http://www.boxboro.org/

Please drop Steve, N1JFU an email (smeuse@mara.org) with your availability for either Saturday or Sunday. There will be an AMSAT presentation from 10am-12noon on Saturday organized by Barry Baines, WD4ASW.

[ANS thanks Steve, N1JFU for the above information]

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SB SAT @ AMSAT $ANS-230.03
COMPASS-1 CubeSat in Emergency Mode - Telemetry Reports Needed

AMSAT News Service Bulletin 230.03
>From AMSAT HQ SILVER SPRING, MD.
August 17, 2008
To All RADIO AMATEURS
BID: $ANS-230.03

Since Sunday, the COMPASS-1 CubeSat has been in emergency mode. The battery voltage is very low and the satellite is rebooting every pass. The CW beacon is on in sunlight - but it only transmits on 8 minute intervals.

A hard-reset of the satellite has occurred, which brought the satel-

lite back into a vicious circle: Once the heater is being switched on, the battery power drops drastically, which causes another hard-reset. This goes on and on. The only chance to recover the satellite is to avoid the activation of the heater. This can be done by adjusting threshold values.

The COMPASS team needs as much telemetry as possible. Amateur radio stations around the world are asked to listen to the COMPASS down-link on 437.275 MHz. Any reports will be appreciated. You can find a simple CW telemetry decoder at: http://www.dk3wn.info/software.shtml. MP3 or WAV files would also provide useful information.

Please send your reports to compass1cubesat@googlemail.com.

The latest Keplerian tracking data is:

COMPASS-1
1 32787U 08021E 08226.19180743 .00000095 00000-0 19031-4 0 1184
2 32787 097.9841 285.9110 0015365 316.5637 043.4362 14.81444724 15843

[ANS thanks Mike, DK3WN for the above information]

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SB SAT @ AMSAT $ANS-230.04
NASA Amateur Radio Digital Learning Network Lesson Plans Available

AMSAT News Service Bulletin 230.04
>From AMSAT HQ SILVER SPRING, MD.
August 17, 2008
To All RADIO AMATEURS
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To help prepare the students for an ARISS experience, NASA has generated a series of teaching modules for the students. They have three different packages available suitable for students in K-4, 5-8 and 9-12 grades (for folks outside the US, "K" is Kindergarten at age ~5, and Grades 1-12 are for ages ~6-18).

The lesson plan packages are described and available from NASA's Digital Learning Network (DLN) at:
http://dln.nasa.gov/dln/content/catalog/details/?cid=634.

[ANS thanks Tom, K3IO for the above information]

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SB SAT @ AMSAT $ANS-230.05
AMSAT Leadership Meeting

AMSAT News Service Bulletin 230.05
>From AMSAT HQ SILVER SPRING, MD.
August 17, 2008
To All RADIO AMATEURS
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The AMSAT board members (current and future) and AMSAT senior officers participated in an AMSAT strategy meeting at a BWI airport hotel, Saturday and Sunday August 9 & 10, 2008.

The purpose was to discuss the future direction of AMSAT and things we want to accomplish as an organization during the

next 16 months and beyond.

Drew, KO4MA is writing an article about the meeting for the July/August 2008 AMSAT Journal.

Action plans will be developed at the 2008 AMSAT Board meeting Oct 23-24, 2008 which precedes the AMSAT Symposium in Atlanta, Oct 24-25, 2008. An outline of the items discussed will be available from the front page of the AMSAT web site.

[ANS thanks Gould, WA4SXM for the above information]

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SB SAT @ AMSAT $ANS-230.06
WA3GOV SK

AMSAT News Service Bulletin 230.06
>From AMSAT HQ SILVER SPRING, MD.
August 17, 2008
To All RADIO AMATEURS
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AMSAT Headquarters received the news below. Martha said, "It is with great sadness that I report the death of Howard Ziserman, WA3GOV at the age of 55."

For many years, Howard served as the Area Coordinator for MD & VA. He volunteered for EVERY hamfest in this area, sometimes traveling over 100 miles away.

He had a love for the Space Program working at the NASA Bioprocessing and Pharmaceutical Research Center in Philadelphia in the early 80's. When he moved to MD in 1989,he combined his love of education and space working on Space Shuttle Mission STS-94 and later on the ARISS program.

Howard had a B.A. from Cornell, a B.E. in EE from Johns Hopkins, an M.S. in Chemistry from U of MD. His dream was to get his PhD and so he left MD in 2001 for Kansas City. There he received his PhD in December of 2006

[ANS thanks Martha at AMSAT HQ for the above information]

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SB SAT @ AMSAT $ANS-230.07
ARISS Status Report for the Week of August 11, 2008

AMSAT News Service Bulletin 230.07
>From AMSAT HQ SILVER SPRING, MD.
August 17, 2008
To All RADIO AMATEURS
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1. School Contacts

An ARISS contact was held the with Town of Berkeley Heights, New Jersey, Summer Playground Camp on Wednesday, August 13. The New Providence Amateur Radio Club has been involved with this camp for the last four years. It has provided an introduction to ham radio on the air by setting up HF and VHF stations and having the campers

communicate with hams around the world. The ARISS contact will be an extension of this activity.

An ARISS contact has been slated for Thursday, August 21 at 14:55 UTC with Los Padres Council Troop 105 in Santa Barbara, California. Boy Scouts, ages 12-17 will work on their Astronomy, Space Exploration and Radio Merit Badges. Cub Scout units will have materials available to work on the Astronomy and Science belt loops and Astronomy and Science academic pins. The University of California, Santa Barbara (UCSB) Physics Department will make available its astronomy observation deck for the contact and will provide faculty members to instruct the Scouts. The Scouts will be presented with information on the ISS and its crew to prepare them for this activity and the media will be notified.

2. Training Session Contact Scheduled

A simulated ARISS contact has been scheduled for Tuesday, August 12 at approximately 14:00 UTC between ESA astronaut Andre Kuipers, PI9ISS, and youth attending the European Space Camp (ESC) in Belgium. This training session is a terrestrial-based amateur radio contact using ARISS-equivalent equipment. EchoLink and IRLP coverage is expected.

3. Terrestrial Contacts Successful

Two simulated ARISS contacts were scheduled for Tuesday, August 5 between U.S. deployed soldier dependents visiting the European Space Center (ESC) in Belgium and astronauts Koichi Wakata, KC5ZTA and Soichi Noguchi, KD5TVP. The NASA Johnson Space Center was closed due to tropical storm Eduardo which caused the training sessions to be cancelled. Astronaut Mike Fincke, KE5AIT, stepped in to speak with the youth and answered one question from each of the thirty students. Audio will be posted on the ARISS-Europe Web site when available.

[ANS thanks Carol, KB3LKI for the above information]

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In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. Application forms are available from the AMSAT Office.

73,
This week's ANS Editor,
JoAnne Maenpaa, K9JKM
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